

# ARIZONA CTE CAREER PREPARATION STANDARDS & MEASUREMENT CRITERIA

<b>NURSING SERVICES, 51.1600.0</b>	
<b>STANDARD 1.0—DEMONSTRATE ETHICAL AND LEGAL CONDUCT IN ALL NURSING RELATED ACTIVITIES</b>	
1.1	Examine ethical and legal issues in the nursing services field
1.2	Examine personal ethics, morals and values
1.3	Compare and contrast behaviors and practices that could result in malpractice, liability, or negligence
1.4	Explain risk management protocols (e.g., incident reporting)
1.5	Use problem solving processes when dealing with legal issues
1.6	Practice appropriate ethical and legal standards for health care professional
1.7	Maintain code of ethics and organization's ethical protocols
1.8	Interpret, explain and apply the Patient's Bill of Rights
1.9	Provide for resident/patient privacy
1.10	Identify methods to ensure resident/patient confidentiality, including potential Health Insurance Portability and Accountability Act (HIPAA) violations
1.11	Maintain resident/patient confidentiality
1.12	Describe the role of oversight organizations such as Joint Council on Account Accreditation of Healthcare Organizations (JCAHO) and Centers for Medical Services.
1.13	Describe ways that a resident/patient may be subject to abuse and identify contributing factors
1.14	Promote the resident/patient's rights to be free from abuse, mistreatment and neglect
1.15	Report any instance (or suspicion) of abuse, mistreatment or neglect to the appropriate supervisor
1.16	Comply with legal, regulatory, and accreditation standards or codes such as the Health Insurance Portability and Accountability Act (HIPAA)
1.17	Adhere to the standards for workers' rights, harassment, labor and employment laws
<b>STANDARD 2.0—USE STANDARD PRECAUTIONS AND SAFETY MEASURES APPROPRIATE FOR NURSING SERVICES</b>	
2.1	Explain the infectious process and modes of transmission of disease
2.2	Apply Center for Disease Control (CDC) and Prevention guidelines related to body substances and Standard Precautions
2.3	Demonstrate general principles of asepsis
2.4	Demonstrate principles of hand hygiene

These technical knowledge and skill standards were validated by a Skill Standards Validation Committee on August 13, 2007, and used in the adaptation, adoption, and development of test items for pilot testing in Spring 2008.

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2.5	Demonstrate knowledge of isolation and use isolation procedures
2.6	Use Personal Protective Equipment (PPE)
<b>STANDARD 3.0—APPLY PRINCIPLES OF BODY MECHANICS TO POSITIONING, TRANSPORTING, TRANSFERRING, AND AMBULATING THE RESIDENT/PATIENT</b>	
3.1	Use appropriate and safe body mechanics
3.2	Identify complications of decreased mobility, including bed rest and non-ambulatory resident/patient
3.3	Turn and position resident/patient in bed or chair-side lying, supine, prone, Sim's, high and low Fowler's, Trendelenberg, lithotomy, orthopneic, logrolling, move up in bed, dangling
3.4	Demonstrate the use of assistive positioning devices such as foot boards, hand rolls, bed cradles, and abductor pillow
3.5	Demonstrate the use of assistive devices in ambulation such as crutches/cane/walker/wheelchair
3.6	Demonstrate the use of assistive devices in transferring residents/patients: gait belt, mechanical lifters, slide board and lift sheet
3.7	Assist resident/patient to ambulate
3.8	Assist resident/patient to ambulate using a gait belt
3.9	Demonstrate proper positioning of a resident/patient in a wheelchair
3.10	Provide assistance and care for resident/patient who is falling or who has fallen
3.11	Utilize assistive devices to position, turn, transport, transfer, and ambulate the resident/patient
3.12	Assist the resident/patient to transfer from bed to chair/gurney/stretchers
3.13	Use transport and transfer procedures safely
3.14	Demonstrate use and application of continuous positive motion (CPM) devices
<b>STANDARD 4.0—PROVIDE BASIC EMERGENCY CARE</b>	
4.1	Recognize emergency situations/changes in condition and notify appropriate personnel per protocol
4.2	Recognize deviations from normal physiological processes
4.3	Demonstrate basic life support (CPR) at minimum level for practice
4.4	Perform standard first aid skills
4.5	Use simple first aid procedures such as maintaining the ABC's
4.6	Perform abdominal thrusts for the choking victim (Heimlich Maneuver)

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<b>STANDARD 5.0—ANALYZE HUMAN BODY SYSTEMS RELATIVE TO COMMON CONDITIONS AND DISORDERS AND THEIR CARE</b>	
5.1	Differentiate between wellness and illness
5.2	Recognize abnormal changes in body function and report such changes to a supervisor
5.3	Observe and report abnormal signs and symptoms of common diseases and conditions
5.4	Care for resident/patient with common conditions and disorders of the integumentary system
5.5	Care for resident/patient with common conditions and disorders of the muscular system
5.6	Care for resident/patient with common conditions and disorders of the skeletal system
5.7	Care for residents/patients with common conditions and disorders of the nervous system
5.8	Care for resident/patient with common conditions and disorders of the cardiovascular system
5.9	Care for resident/patient with common conditions and disorders of the lymphatic system
5.10	Care for resident/patient with common conditions and disorders of the respiratory system
5.11	Care for resident/patient with common conditions and disorders of the gastrointestinal system
5.12	Care for resident/patient with common conditions and disorders of the urinary system
5.13	Care for resident/patient with common conditions and disorders of the endocrine system
5.14	Care for resident/patient with common conditions and disorders of the reproductive system
<b>STANDARD 6.0—USE CORRECT MEDICAL TERMINOLOGY FOR NURSING SERVICES</b>	
6.1	Apply knowledge of body systems and functions as a basis for using medical terminology
6.2	Pronounce technical terms correctly
6.3	Demonstrate use of common symbols, roots, and abbreviations
6.4	Demonstrate use of common prefixes and suffixes
6.5	Demonstrate specific vocabulary, procedures, abbreviations and word elements for defined work areas
6.6	Use medical terminology to interpret, transcribe and communicate information, data, and observations (including sound alike and look alike terms)
<b>STANDARD 7.0—MONITOR VITAL SIGNS</b>	
7.1	Identify normal values of vital signs
7.2	Analyze routine vital signs

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7.3	Explain methods for taking temperature and the criteria that determine the appropriate method to use (e.g., confused patient, infant, child, etc.)
7.4	Measure and record temperature (digital, electronic, oral, rectal, axillary, tympanic)
7.5	Measure and record pulse rate (radial, apical, carotid, brachial)
7.6	Measure and record respirations
7.7	Measure and record blood pressure
7.8	Measure and record height and weight (upright/bed/chair scale)
7.9	Measure and record oxygen saturation using an oximeter
7.10	Notify appropriate personnel per protocol when a vital sign has changed
7.11	Describe common signs and symptoms of pain
7.12	Identify behaviors which indicate the resident/patient's level of pain
7.13	Report observations of resident/patient's pain to Licensed personnel
7.14	Apply non-invasive pain relief measures within scope of practice
<b>STANDARD 8.0—DEMONSTRATE PERSONAL CARE, GROOMING AND RELATED PROCEDURES</b>	
8.1	Bathe resident/patient with consideration for resident/patient need and setting including: complete bed bath, partial bath, tub bath, whirlpool and shower
8.2	Promote skin integrity
8.3	Give skin care including back rub
8.4	Recognize and report skin problems including the four major stages of decubitus ulcers
8.5	Give perineal care
8.6	Provide catheter care
8.7	Give mouth/denture care
8.8	Give hair care/shampoo
8.9	Give fingernail/toenail care within scope of practice
8.10	Shave resident/patient
8.11	Assist resident/patient with dressing and undressing, including help with assistive dressing devices and IV gown change
8.12	Demonstrate use and care of prosthetic and orthotic devices

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8.13	Apply bedmaking procedures (occupied/unoccupied) to promote resident/patient's comfort
8.14	Utilize methods for pressure reduction, including floating heels, repositioning and reporting signs of increased pressure
8.15	Position the call light for easy access
8.16	Provide A.M./P.M. care
8.17	Provide care within scope of practice to residents/patients receiving oxygen
8.18	Demonstrate proper and safe use of oxygen delivery systems/equipment (e.g., nasal cannula, face mask)
<b>STANDARD 9.0—MAINTAIN A SAFE, CLEAN, COMFORTABLE ENVIRONMENT FOR THE RESIDENT/PATIENT</b>	
9.1	Establish a safe clean resident/patient environment
9.2	Maintain a safe and clean work area in a variety of settings
9.3	Maintain care and security of resident/patient's personal possessions
9.4	Apply safety precautions related to age of resident/patient
9.5	Apply measures of prevention and use emergency procedures for common accidents and disasters
9.6	Apply safety precautions and emergency procedures for fire, chemicals and biohazardous materials
9.7	Demonstrate fire drill procedure
9.8	Identify disaster plans
9.9	Adhere to the evacuation plan per protocol
9.10	Maintain and enforce infection control procedures, radiation protection measures, and hazard communication
9.11	Employ quality measures when handling and maintaining equipment and materials
9.12	Maintain equipment to ensure its safe use
9.13	Comply with hazardous labeling requirements and safety signs, symbols, and labels
9.14	Handle and dispose of contaminated and hazardous items according to standards and procedures
<b>STANDARD 10.0—ASSIST THE RESIDENT/PATIENT IN MEETING NUTRITIONAL NEEDS</b>	
10.1	Explain optimal nutritional status for the resident/patient across the life span
10.2	Recognize personal, cultural, and religious variations in diet
10.3	Examine therapeutic diets

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10.4	Demonstrate procedure for ensuring resident/patient receives the diet as ordered and appropriate actions for inaccuracies
10.5	Prepare and present meal in a home setting
10.6	Provide meals to the resident/patient
10.7	Prepare and position resident/patient for meals
10.8	Provide and restrict fluids as ordered
10.9	Assist the resident/patient with eating using effective feeding techniques
10.10	Demonstrate use of assistive eating devices
10.11	Measure and record appropriate nutritional data, including meal percentage, intake and output
<b>STANDARD 11.0—FACILITATE ACTIVITIES RELATED TO ELIMINATION</b>	
11.1	Assist resident/patient with toileting, including the use of the bedpan, urinal, commode and toilet seat extension
11.2	Measure, calculate and record fluid intake and output
11.3	Reinforce bowel and bladder training
11.4	Assist resident/patient with alternative methods of elimination (including ostomy, urostomy, Foley catheter)
11.5	Provide care for the incontinent resident/patient
11.6	Provide care for resident/patient who is vomiting
<b>STANDARD 12.0—CARE FOR THE RESIDENT/PATIENT WHO MAY REQUIRE PROTECTIVE DEVICES</b>	
12.1	Describe the ethical and legal issues in the use of restraints
12.2	Demonstrate restraint techniques including alternatives for restraints
12.3	Utilize interventions that minimize the need for restraints
12.4	Examine protective door devices for secure areas
12.5	Apply and monitor mobility alarms
12.6	Observe and report resident/patient's condition while in protective devices
<b>STANDARD 13.0—CARE FOR RESIDENTS/PATIENTS WITH DRAINS/TUBES</b>	
13.1	Demonstrate required positioning for resident/patient receiving tube feeding
13.2	Examine associated complications with improper positioning of resident/patient

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13.3	Provide care for resident/patient with feeding tubes
13.4	Provide care for resident/patient with gravity and sump drains
13.5	Observe, measure and record drainage
<b>STANDARD 14.0—CARE FOR RESIDENT/PATIENT WITH BINDERS, BANDAGES, DRESSINGS, AND ANTIEMBOLIC DEVICES</b>	
14.1	Apply binders
14.2	Apply support, anti-embolism, and compression hose
14.3	Maintain dressings
14.4	Observe and report resident/patient's dressings on and around sites such as wounds, drains, IVs, etc.
<b>STANDARD 15.0—CARE FOR RESIDENT/PATIENT RECEIVING HEAT AND COLD TREATMENTS</b>	
15.1	Apply warm moist compress
15.2	Apply warm soaks to extremities
15.3	Apply heat pack
15.4	Apply K-Pad
15.5	Assist resident/patient with sitz bath
15.6	Apply cold treatment using a cooling blanket
15.7	Apply cold treatment using a cold compress
15.8	Apply ice bag
15.9	Identify methods to ensure appropriate temperature range for heat and cold treatments
15.10	Monitor and follow protocol safety with heat/cold treatments
<b>STANDARD 16.0—ASSIST WITH ADMISSION, TRANSFER, AND DISCHARGE OF RESIDENT/PATIENT</b>	
16.1	Demonstrate procedure for admitting a resident/patient
16.2	Demonstrate procedure for resident/patient transfer
16.3	Demonstrate procedure for discharging a resident/patient
16.4	Maintain safekeeping of resident/patient's belongings

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<b>STANDARD 17.0—PERFORM OR ASSIST WITH DIAGNOSTIC TESTING AND EXAMINATIONS</b>	
17.1	Collect, label, and send specimens according to protocol
17.2	Perform diagnostic testing including stool specimen for culture and ensitivity/ova/parasites/guiau; urine specimen for routine analysis (clean catch, midstream and 24 hour urine); and sputum
17.3	Explain blood glucose testing per AzSBN protocol
17.4	Assist with preparation for and positioning of resident/patient for examinations
17.5	Explain safety and privacy issues that can arise while assisting with exam
<b>STANDARD 18.0—CARE FOR THE PERIOPERATIVE RESIDENT/PATIENT</b>	
18.1	Assist with preoperative care per protocol
18.2	Assist with postoperative care per protocol
<b>STANDARD 19.0—ASSIST RESIDENT/PATIENT WITH RESTORATIVE AND HEALTH PROMOTION ACTIVITIES</b>	
19.1	Provide needed assistance in getting to and participating in resident/patient activities
19.2	Apply restorative activities when caring for the resident/patient
19.3	Promote the resident/patient's right to make personal choices to accommodate their needs
19.4	Promote resident/patient's independence
19.5	Allow the resident/patient to make personal choices, providing and reinforcing other behavior consistent with the resident/patient's dignity
19.6	Assist resident/patient to participate in activities
19.7	Perform passive range of motion exercises
19.8	Direct resident/patient in active range of motion exercises
19.9	Assist and instruct resident/patient to be independent in the activities of daily living
19.10	Use family/significant others as a resource and source of social and emotional support
19.11	Assist resident/patient in planned recreational activities
19.12	Assist the resident/patient with activities that support and encourage social relationships
19.13	Assist resident/patient in achieving optimal wellness
<b>STANDARD 20.0— CARE FOR THE RESIDENT/PATIENT FROM SPECIAL POPULATIONS AND THOSE WITH SPECIAL NEEDS</b>	
20.1	Describe special needs of the resident/patient across the life span

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20.2	Identify the developmental tasks associated with the aging process
20.3	Modify personal behavior in response to resident/patient behavior
20.4	Demonstrate techniques for addressing the unique needs and behaviors of individuals with dementia, Alzheimers, and other cognitive or sensory deficits
20.5	Communicate effectively with cognitively impaired residents and patients
20.6	Respond appropriately to the behavior of a cognitively impaired resident/patient
20.7	Utilize interventions to reduce the effects of cognitive impairments
20.8	Recognize and provide care to angry, depressed or unresponsive resident/patient
20.9	Identify nature and care of sensory deficits
20.10	Describe special needs of the resident/patient with a mental health diagnosis
20.11	Describe special needs of the resident/patient who lives in long-term care/alternative care facilities
<b>STANDARD 21.0—CARE FOR THE DYING RESIDENT/PATIENT AND HIS/HER FAMILY</b>	
21.1	Identify the stages of dying
21.2	Describe the grieving and death and dying process experienced by the resident/patient and their families
21.3	Explain the role of hospice in end-of-life care
21.4	Assist with care of the dying resident/patient and support for the family considering physical needs, spiritual and cultural beliefs
21.5	Prepare deceased body for removal from unit